Belden



# Product: 5T00UP

Audio Cable, 2 Conductor 10 AWG, BC, Unshielded, CL2

## Product Description

Audio Cable, Rated-CL2, 2-10 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

## Technical Specifications

### Product Overview

| | |
|---|---|
| Suitable Applications: | Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls |

### Construction Details

**Conductor**

| Element | No. of Elements | Size | Stranding | Material |
|---|---|---|---|---|
| Conductor(s) | 2 | 10 AWG | 65x28 | BC - Bare Copper |

**Insulation**

| Element | Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|---|---|---|---|---|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.020 in (0.51 mm) | 0.152 in (3.86 mm) | Black, White |

**Outer Jacket**

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|---|---|---|---|
| PVC - Polyvinyl Chloride | 0.026 in (0.66 mm) | 0.356 in (9.04 mm) | Yes |

| | |
|---|---|
| Overall Cable Diameter (Nominal): | 0.356 in (9.04 mm) |

### Electrical Characteristics

**Electricals**

| Element | Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Inductance | Max. Current |
|---|---|---|---|---|
| Conductor(s) | 1.03 Ohm/1000ft | 26 pF/ft (85 pF/m) | 0.15 µH/ft (0.49 µH/m) | 27.8 Amps per conductor @ 25°C |

**Voltage**

| UL Voltage Rating |
|---|
| 300 V |

### Mechanical Characteristics

**Temperature**

| UL Temperature | Operating |
|---|---|
| 75°C | -20°C to +75°C |

**Bend Radius**

| Stationary Min. | Installation Min. |
|---|---|
| 3.6 in (91 mm) | 3.6 in (91 mm) |

| | |
|---|---|
| Max. Pull Tension: | 260 lbs (120 kg) |
| Bulk Cable Weight: | 91 lbs/1000ft |

### Standards and Compliance

| | |
|---|---|
| Environmental Suitability: | Indoor (Not Riser or Plenum), Indoor |
| Flammability / Reaction to Fire: | UL 1685 UL loading , IEC 60332-1-2 |
| CPR Compliance: | CPR Euroclass: Eca |
| NEC / UL Compliance: | Article 725, CL2 |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| UK Regulation Compliance: | UKCA Mark |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |
| Plenum Number: | 6T00UP |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.488 Revision Date: 09-07-2025 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | Length | UPC | Footnote |
|---|---|---|---|---|---|
| 5T00UP 0101000 | Black | Reel | 1,000 ft | 612825437871 | C |
| 5T00UP 0105000 | Black | Reel | 5,000 ft | | |
| 5T00UP 008500 | Gray | Reel | 500 ft | 612825154495 | C |
| 5T00UP 0081000 | Gray | Reel | 1,000 ft | 612825154488 | C |

| | |
|---|---|
| Footnote: | C - CRATE REEL PUT-UP. |

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